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CATALOG OF SEED AND VEGETATIVE STOCK  
AVAILABLE FROM THE SOUTHERN REGIONAL  
PLANT INTRODUCTION STATION

# Pearlmillet

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Science and Education Administration  
U.S. Department of Agriculture  
1978



Catalog of Seed and Vegetative Stock  
Available From the  
Southern Regional Plant Introduction Station

PEARLMILLET  
(*Pennisetum americanum*)

Compiled by

REGIONAL PROJECT S-9  
of the  
Agricultural Experiment Stations  
of

Alabama, Arkansas, Florida, Georgia, Hawaii,  
Kentucky, Louisiana, Mississippi, North Carolina,  
Oklahoma, Puerto Rico, South Carolina, Tennessee,  
Texas, and Virginia  
and the

Science and Education Administration  
and

Soil Conservation Service  
of the

U.S. Department of Agriculture

1978

This catalog, which supersedes the edition of April 1971, is available from the Southern Regional Plant Introduction Station, Science and Education Administration, U.S. Department of Agriculture, Experiment, Ga. 30212. Other catalogs in this series:

Vine Crops. June 1978.  
*Sesamum* Species. August 1978.  
Castors. September 1978.  
Guar. September 1978.

Catalog of Seed and Vegetative Stock Available From the Southern Regional Plant Introduction Station. Pearlmillet. November 1978.

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## Foreword

Seeds of the plant introductions listed herein are available in small quantities to research workers on request to the Southern Regional Plant Introduction Station, Experiment, Ga. 30212. This inventory is cumulative for plant materials grown at the regional station or by cooperating State experiment stations since 1949, when the S-9 "New Plants" project was initiated. During the year of seed multiplication, plants were observed, when possible, for agronomic and horticultural characteristics and other desirable genetic characters. These data are summarized for the use of plant scientists who wish to select plant materials for research.

Many plant species that are not in this seed list are available at the Northeastern Regional Plant Introduction Station, Geneva, N.Y. 14456; North Central Regional Plant Introduction Station, Ames, Iowa 50010; and the Western Regional Plant Introduction Station, Pullman, Wash. 99163. The Plant Germplasm Technical Committee member in each State can provide a list of plant materials available at each station. In the Southern States, Hawaii, and Puerto Rico the members are:

Alabama: C. S. Hoveland, Department of Agronomy, Agricultural Experiment Station, Auburn, Ala. 36830.

Arkansas: John L. Bowers, Department of Horticulture and Forestry, Agricultural Experiment Station, Fayetteville, Ark. 72701.

Florida: Gordon M. Prine, Department of Agronomy, Agricultural Experiment Station, Gainesville, Fla. 32611.

Georgia: W. R. Langford, Regional Plant Introduction Station, Experiment Ga. 30212.

Hawaii: R. A. Hamilton, Department of Horticulture, College of Tropical Agriculture, University of Hawaii, Honolulu, Hawaii 96822.

Kentucky: R. E. Sigafus, Department of Agronomy, Agricultural Experiment Station, Lexington, Ky. 40506.

Louisiana: R. J. Stadtherr, Department of Horticulture, Agricultural Experiment Station, Baton Rouge, La. 70803.

Mississippi: R. G. Creech, Department of Agronomy, Agricultural Experiment Station, Mississippi State, Miss. 39762.

North Carolina: W. T. Fike, Department of Crop Science, North Carolina State University, Raleigh, N.C. 27607.

Oklahoma: James S. Kirby, Department of Agronomy, Agricultural Experiment Station, Stillwater, Okla. 74074.

Puerto Rico: Oscar D. Ramirez, Department of Plant Breeding, Agricultural Experiment Station, Rio Piedras, P.R. 00928.

South Carolina: D. W. Bradshaw, Department of Horticulture, Agricultural Experiment Station, Clemson, S.C. 29631.

Tennessee: L. N. Skold, Department of Plant and Soil Sciences, University of Tennessee, Knoxville, Tenn. 37901.

Texas: E. L. Whiteley, Department of Agronomy, Agricultural Experiment Station, College Station, Tex. 77843.

Virginia: A. J. Lewis III, Department of Horticulture, Agricultural Experiment Station, V.P.I. & S.U., Blacksburg, Va. 24061.

Plant scientists in the Southern Region having a need for plant germplasm not available at any of the regional stations or other units of the National Plant Germplasm System should direct their requests to the Coordinator, Regional Project S-9, Southern Regional Plant Introduction Station, Experiment, Ga. 30212. Scientists in the North Central, Northeastern or Western Regions should direct similar requests to the Coordinator, Regional Project NC-7, NE-9, or W-6, at the appropriate Regional Plant Introduction Station.

W. R. Langford

Coordinator, Regional Project S-9  
Science and Education Administration

*Pennisetum americanum* Introductions

The following abbreviations are used in the table of *Pennisetum americanum* introductions:

<u>Column</u>	<u>Interpretation</u>							
Source.....	ANGOL, Angola. AUSTL, Australia. BRAZ, Brazil. ETHI, Ethiopia. NIGIA, Nigeria. PAK, Pakistan. RHOD, Rhodesia. S AFR, South Africa.							
1	ANGOL							
2	AUSTL							
3	BRAZ							
4	ETHI							
5	NIGIA							
6	PAK							
7	RHOD							
8	S AFR							
9	S AFR							
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130	S AFR							
131	S AFR							

P.O.I. NUMBER	SOURCE	MATURITY	PLANT HEIGHT (CM)	NO. NODES PER PLANT	PLANT UNIFORMITY	HEAD UNIFORMITY	HEAD LENGTH (CM)
164421	INDIA	EARLY	24	12	GOOD	LATE	35
179949	INDIA	EARLY	27	16	MEDIUM	GOOD	20
179950	INDIA	MIDSEASON	31	12	MEDIUM	GOOD	20
179951	INDIA	MIDSEASON	32	18	MEDIUM	GOOD	20
180306	INDIA	EARLY	27				
180309	INDIA	MIDSEASON	28				20
183132	INDIA	MIDSEASON	27				25
183333	INDIA	LATE	25				25
183455	INDIA	LATE	25				20
183499	INDIA	EARLY	34				23
185642	GHANA						
186338	AUSTL	LATE	31	13	MEDIUM	MEDIUM	50
213011	INDIA	LATE	34				
213531	INDIA	EARLY	24	12	MEDIUM	GOOD	15
214329	INDIA	EARLY	24	11	MEDIUM	GOOD	20
214330	INDIA	EARLY	24	12	MEDIUM	GOOD	15
214331	INDIA	MIDSEASON	27				25
215602	INDIA	EARLY	27	13	MEDIUM	GOOD	35
215603	INDIA	LATE	37				23
217952	PAK	LATE	31	15	GOOD	GOOD	20
218098	PAK	EARLY	27	10	GOOD	GOOD	20
218099	PAK	EARLY	31	13	LATE	LATE	20
218100	PAK	EARLY	34	13	MEDIUM	GOOD	15
219820	RHOD						
248720	ANGOL	EARLY	34	16	MEDIUM	GOOD	30
250215	PAK						
250393	PAK						
250394	PAK	EARLY	24	15	MEDIUM	GOOD	20
250395	PAK						
263541	S AFR	EARLY	21	12	MEDIUM	LATE	20
263542	S AFR	LATE	24	14	LATE	MEDIUM	13
263544	S AFR						
271222	INDIA	LATE	21	13	MEDIUM	GOOD	13
271223	INDIA	MIDSEASON	21				
271597	INDIA	LATE	27				
271598	INDIA	EARLY	27	15	LATE	MEDIUM	15
271599	INDIA	EARLY	24	10	LATE	MEDIUM	15
271600	INDIA	EARLY	34				
275352	ETHI	MIDSEASON	31	21	MEDIUM	MEDIUM	15
279658	INDIA	EARLY	31	14	LATE	MEDIUM	30
279660	INDIA						
279661	INDIA		18		GOOD	GOOD	25
279662	INDIA						
279663	INDIA		24		GOOD	GOOD	20
279664	INDIA	EARLY	27	12	MEDIUM	MEDIUM	25
279666	INDIA	EARLY	27	12	MEDIUM	MEDIUM	20
279667	INDIA		21		GOOD	GOOD	25
279668	INDIA	EARLY	24	12	MEDIUM	LATE	20
279669	INDIA	EARLY	24	14	LATE	MEDIUM	20
279671	INDIA						
286834	NIGIA	MIDSEASON	34				38
286835	NIGIA	EARLY	34				43
286837	NIGIA	MIDSEASON	34				30
286839	NIGIA	EARLY	35				41
286840	NIGIA	EARLY	34				48
286844	NIGIA	EARLY	37				28
286845	NIGIA	EARLY	37				48

P.I. NUMBER	SOURCE	MATURITY	PLANT HEIGHT (DM)	NO. NODES PER PLANT	PLANT UNIFORMITY	HEAD UNIFORMITY	HEAD LENGTH (CM)
286848	NIGIA	EARLY	37				36
286849	NIGIA	LATE	31				50
286850	NIGIA	EARLY	37				41
286852	NIGIA	EARLY	37				36
286853	NIGIA	EARLY	31	14	MEDIUM	MEDIUM	50
286855	NIGIA	EARLY	37				36
286857	NIGIA	EARLY	37				46
286858	NIGIA	MIDSEASON	37				46
286859	NIGIA	LATE	22	14	MEDIUM	GOOD	40
286862	NIGIA	EARLY	34				30
286863	NIGIA	EARLY	34				50
286864	NIGIA	EARLY	31	14	MEDIUM	GOOD	50
286865	NIGIA	EARLY	31	14	MEDIUM	GOOD	40
286867	NIGIA	EARLY	31	9	MEDIUM	GOOD	40
286869	NIGIA	EARLY	37				64
286870	NIGIA	EARLY	37				50
286871	NIGIA	MIDSEASON	27	14	MEDIUM	MEDIUM	25
286872	NIGIA	EARLY	37				38
286874	NIGIA	MIDSEASON	27	16	MEDIUM	MEDIUM	50
286876	NIGIA	EARLY	31	13	LATE	MEDIUM	50
286877	NIGIA	EARLY	27	13	MEDIUM	GOOD	50
286879	NIGIA	LATE	37	16	GOOD	GOOD	45
286880	NIGIA	EARLY	34	13	MEDIUM	GOOD	45
286884	NIGIA	EARLY	34	17	MEDIUM	GOOD	45
286885	NIGIA	EARLY	37				40
286886	NIGIA	EARLY	37	13	MEDIUM	GOOD	45
286888	NIGIA	EARLY	37				50
286889	NIGIA	EARLY	37				40
286890	NIGIA	LATE	27	17	MEDIUM	GOOD	40
286891	NIGIA	LATE	37				40
286892	NIGIA	LATE	37				40
286893	NIGIA	LATE	34				40
286894	NIGIA	LATE	34				20
286895	NIGIA	LATE	31				40
286896	NIGIA	LATE	31				40
286898	NIGIA	LATE	27				30
286899	NIGIA	EARLY	24				25
286900	NIGIA	LATE	27				30
286901	NIGIA	LATE	27				25
286902	NIGIA	LATE	27				48
286903	NIGIA	LATE	37				56
286904	NIGIA	LATE	34				40
286905	NIGIA	LATE	34				36
286908	NIGIA	LATE	34				40
286909	NIGIA	LATE	24				38
286910	NIGIA	LATE	31				50
286912	NIGIA	LATE	34				36
286913	NIGIA	LATE	34				36
286914	NIGIA	EARLY	27				30
286916	NIGIA	EARLY	34				60
286917	NIGIA	EARLY	31	15	LATE	GOOD	40
286919	NIGIA	LATE	27				40
286921	NIGIA	LATE	31				56
286923	NIGIA	EARLY	24	12	GOOD	GOOD	40
286932	NIGIA	EARLY	34	13	GOOD	GOOD	50
286933	NIGIA	EARLY	27	11	GOOD	GOOD	50
286938	NIGIA	MIDSEASON	31	16	GOOD	GOOD	55

P.I. NUMBER	SOURCE	MATURITY	PLANT HEIGHT (CM)	NO. NODES PER PLANT	PLANT UNIFORMITY	HEAD UNIFORMITY	HEAD LENGTH (CM)
286945	NIGIA	EARLY	21	11	Medium	Medium	70
286947	NIGIA	EARLY	27	13	Medium	Good	35
286949	NIGIA	MIDSEASON	24	14	Good	Good	50
286954	NIGIA	EARLY	18	12	Late	Good	40
286957	NIGIA	EARLY	27	14	Late	Good	40
286958	NIGIA	EARLY	34	15	Medium	Good	40
286959	NIGIA	EARLY	21	14	Late	Good	25
286967	NIGIA	EARLY	21	10	Medium	Good	30
286968	NIGIA	EARLY	27	12	Medium	Good	30
286970	NIGIA	EARLY	21	11			25
286971	NIGIA	EARLY	27	12	Late	Good	25
286973	NIGIA	EARLY	24	13	Medium	Good	40
286977	NIGIA	EARLY	31	12	Good	Good	40
286979	NIGIA	EARLY	21	11	Late	Good	40
286988	NIGIA	EARLY	31	13	Late	Good	55
287001	NIGIA	EARLY	27	11	Medium	Good	50
287002	NIGIA	EARLY	21	11	Medium	Good	70
287004	NIGIA	EARLY	21	9	Medium	Good	60
287006	NIGIA	MIDSEASON	21	11	Medium	Good	40
287012	NIGIA	EARLY	24	13	Medium	Good	55
287016	NIGIA	EARLY	18	10	Late	Good	30
287018	NIGIA	LATE	27	13	Good	Good	40
287019	NIGIA	EARLY	18	10	Good	Good	30
287020	NIGIA	EARLY	34	10			55
287026	NIGIA	MIDSEASON	27	10	Medium	Good	40
287027	NIGIA	EARLY	27	11	Medium	Good	40
287029	NIGIA	EARLY	18	11	Late	Good	30
287030	NIGIA	MIDSEASON	24	14			50
287033	NIGIA	EARLY	27	12	Medium	Good	55
287038	NIGIA	EARLY	24	14	Late	Good	50
287039	NIGIA	EARLY	27	14	Late	Good	50
287041	NIGIA	EARLY	27	14	Medium	Good	50
287043	NIGIA	MIDSEASON	21	11	Late		
287044	NIGIA	MIDSEASON	27	10	Medium	Good	60
287045	NIGIA	LATE	24	15	Late	Good	50
287049	NIGIA	EARLY	27	10	Late	Good	40
287051	NIGIA	EARLY	24	12	Medium	Good	50
287056	NIGIA	EARLY	27	11	Medium	Good	30
287057	NIGIA	EARLY	27	13	Medium	Good	50
287059	NIGIA	EARLY	31	14	Medium	Good	50
287061	NIGIA	EARLY	31	16	Medium	Good	40
287064	NIGIA	MIDSEASON	24	12	Late	Good	60
287065	NIGIA	EARLY	24	12	Late	Good	60
287067	NIGIA	LATE	21	12	Late		40
287070	NIGIA	LATE	27	12	Medium		30
287071	NIGIA	LATE	24				
287075	NIGIA		31	13	Medium		
287081	NIGIA	EARLY	27	12	Good		25
287082	NIGIA	EARLY	31	12	Medium		40
287084	NIGIA		21				
287096	NIGIA	EARLY	27	12	Medium		
288787	INDIA	LATE	37	19	Medium		20
288789	INDIA	MIDSEASON	34	19	Good		20
288791	INDIA	EARLY	37	13	Good		20
288797	INDIA	LATE	27	14	Medium		15

P.I. NUMBER	SOURCE	MATURITY	PLANT HEIGHT (CM)	NO. NODES PER PLANT	PLANT UNIFORMITY	HEAD UNIFORMITY	HEAD LENGTH (CM)
288798	INDIA	EARLY	34	15	MEDIUM		20
288800	INDIA	LATE	31	16	GOOD		15
288801	INDIA	MIDSEASON	24		GOOD	GOOD	15
288802	INDIA	LATE	31	15	GOOD		20
295124	RHOD	LATE	27		MEDIUM		25
295126	RHOD						
295127	RHOD	MIDSEASON	30		GOOD	GOOD	12
295129	RHOD						
295130	RHOD	MIDSEASON	34	16	GOOD		50
295131	RHOD	EARLY	34	19	GOOD		30
295133	RHOD						
295134	RHOD	LATE	34	16	GOOD		30
295136	RHOD	LATE	34	16	MEDIUM		30
295137	RHOD	EARLY	34	18	MEDIUM		30
295138	RHOD	LATE	31	17	GOOD		30
295139	RHOD	LATE	31		GOOD		40
295140	RHOD	LATE	27	18	LATE		20
295141	RHOD						
295142	RHOD						
295143	RHOD						
295144	RHOD	EARLY	31	16	LATE		25
295145	RHOD	LATE	31	17	MEDIUM		15
295146	RHOD						
295147	RHOD						
295148	RHOD	LATE	31	17	MEDIUM		15
295149	RHOD	LATE	31	19	LATE		13
295150	RHOD	LATE	27	17	LATE		20
295151	RHOD	MIDSEASON	31	19	LATE		25
295152	RHOD	MIDSEASON	31	18	MEDIUM		20
295154	RHOD	EARLY	31	18	MEDIUM		25
295155	RHOD	MIDSEASON	31	16	LATE		25
295156	RHOD	MIDSEASON	34	20	LATE		25
295157	RHOD						
295158	RHOD	MIDSEASON	34	20	MEDIUM		20
295159	RHOD	LATE	31	12	LATE		13
295160	RHOD	EARLY	31	12	MEDIUM		35
295161	RHOD	MIDSEASON	31	17	LATE		25
295162	RHOD	MIDSEASON	37	17	LATE		25
295163	RHOD						
295164	RHOD						
295165	RHOD	EARLY	37	18	MEDIUM		25
295166	RHOD						
295167	RHOD	MIDSEASON	21		GOOD	GOOD	30
295168	RHOD	MIDSEASON	27		MEDIUM	MEDIUM	20
296377	USA						
300088	S AFR						
307694	S AFR	LATE	30		GOOD	GOOD	41
307697	S AFR	LATE	31	15	LATE		30
307703	S AFR						
307704	S AFR						
307705	S AFR						
307706	S AFR	EARLY	21		GOOD	GOOD	46
307708	S AFR						
307711	S AFR						
307712	S AFR						
307713	S AFR	EARLY	27		MEDIUM	MEDIUM	14

P.I. NUMBER	SOURCE	MATURITY	PLANT HEIGHT (DM)	NO. NODES PER PLANT	PLANT UNIFORMITY	HEAD UNIFORMITY	HEAD LENGTH (CM)
307714	S AFR		30		GOOD	MEDIUM	41
311272	INDIA						
311273	INDIA						
311274	INDIA	LATE	34	14	GOOD		20
320154	S AFR						
337492	BRAZ						

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